

IN THE SPECIFICATION:

Please replace the paragraph on page 4 beginning on line 27 with the following rewritten paragraph:

--Figure 1 is a diagrammatic sectional view of an injection nozzle in accordance with an embodiment of the invention; ~~and~~ --

On Page 5, after line 2, add the following new paragraphs:

--Figure 4 is a diagrammatic sectional view of another embodiment of the present invention; --

--Figure 5 is a diagrammatic sectional view of still another embodiment of the present invention; and, --

--Figure 6 is a diagrammatic sectional view of a further embodiment of the present invention.

Replace the paragraph beginning on page 9, line 8 with the following rewritten paragraph:

--With reference to Figure 4, in 1a a still further preferred embodiment, the part of the tip region 26 which is uncoated in Figure 3 may be coated with a material 14b having a lower thermal conductivity than the thermal conductivity of the nozzle body 10. For example, at least a part of the tip region 26 may be coated with a ceramic material. This provides the further advantage that the rate of heat transfer to the ceramic coated part of the tip region 26 is reduced, whilst the coating 14a of higher thermal conductivity increases the rate of heat transfer away from the tip region 26. Thus, the operating temperature of the part of the tip region 26 provided with the outlet openings 13 is further reduced.—

Replace the paragraph beginning on page 9, line 22, with the following paragraph:

--With reference to Figure 5, in ~~in~~ a further alternative embodiment to those shown in Figures 1 to 3, the nozzle body 10 may be provided with a multi-layer coating, whereby a first coating 14'a having a lower thermal conductivity than the thermal conductivity of the nozzle body 10 is applied to the nozzle body 10 (as shown in Figures 1 or 3) and a further coating 14d having a higher thermal conductivity than the thermal conductivity of the nozzle body 10 is applied to the first coating 14'a. Typically, the further coating 14d may be formed from a material having properties similar to that of the coating 14a, as described previously with reference to Figures 2 and 3. As described previously, the first coating 14'a serves to insulate the nozzle body 10, whilst the further coating 14d will aid the conduction of heat away from the nozzle body 10. Alternatively, as shown in Figure 6, the order in which the coatings are layered may be reversed such that a first coating 14''a having a relatively high thermal conductivity is applied to the nozzle body 10 and an additional coating 14'd having a relatively low thermal conductivity is applied to the first coating 14''a. Typically, the additional coating 14'd may be formed from a material having properties similar to the coating 14, as described previously with reference to Figure 1. This alternative embodiment is particularly advantageous if the additional coating 14'd (i.e. the outermost layer) having a relatively low thermal conductivity is only applied to a lower region of the nozzle body 10, preferably only that region which projects from the cylinder head 20 and is exposed to temperatures within the combustion space. --

Please replace the paragraph beginning on page 10, line 15 with the following rewritten paragraph:

In any of the embodiments of the invention, and for either a ceramic or other material, an additional substrate material 14e may be applied to the nozzle body 10 to which a coating 14, 14a, 14b is to be applied to ensure satisfactory bonding of the coating(s) to the nozzle body. Additionally, in any of the embodiments of the invention, the nozzle body 10

Serial No. 10/636,112

Atty Docket: DP-303841 (60408-419)

preferably forms and interference fit within the cylinder head 20, as this improves the effectiveness of the coating 14, 14a, 14'a. The effect of the coating(s) is also improved if the nozzle body 10 forms an interference fit within the cap nut 22.